11 Publication number:

0 605 953 A1

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 93309270.2

(51) Int. Cl.5: F16H 3/66

(2) Date of filing: 22.11.93

3 Priority: 07.12.92 US 986239

Date of publication of application: 13.07.94 Bulletin 94/28

Designated Contracting States:
DE FR GB

Applicant: FORD MOTOR COMPANY LIMITED Eagle Way Brentwood Essex CM13 3BW(GB)

⊕ GB

Applicant: FORD FRANCE S. A.
 B.P. 307
 F-92506 Rueil-Malmaison Cédex(FR)

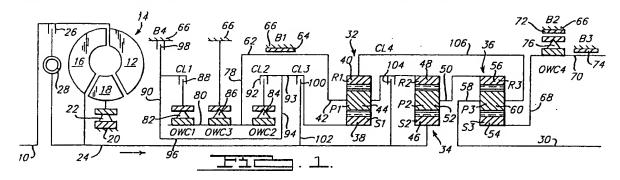
71) Applicant: FORD-WERKE AKTIENGESELLSCHAFT Werk Köln-Niehl, Henry Ford Strasse, Postfach 60 04 02 D-50735 Köln(DE)

Inventor: Beim, Rudolf 29760 Fall River Southfield, Michigan 48076(US)

Representative: Messulam, Alec Moses
A. Messulam & Co.
24 Broadway
Leigh on Sea Essex SS9 1BN (GB)

- Multiple speed nonsynchronous automatic transmission for motor vehicles.
- (a) A multiple speed ratio transmission for use in the driveline of an automotive vehicle includes a hydrokinetic torque converter (13) and three interconnected planetary gear units (32,34,36) several one-way clutches (76,82,84,86) friction clutches

(88,92,100,104) and friction brakes (64,72,74). The engaged and release state of the friction elements permits the transmission to produce several underdrive speed ratios, a direct drive ratio, an overdrive ratio and reverse drive.



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